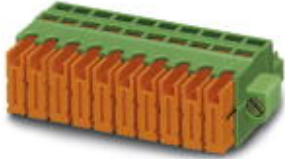


Printed-circuit board connector - QC 0,5/16-STF-3,81 - 1897681

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Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 16, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin




The figure shows a 10-position version of the product

Product Features

- ✓ Reduced wiring time since conductor pretreatment is no longer necessary
- ✓ Stranded conductors from 0.34 to 0.5 mm² with PVC or PE insulation
- ✓ Connection according to EN 60352-4
- ✓ Integrated 1.2 mm Ø test connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 165185
Weight per Piece (excluding packing)	14.69 g
Custom tariff number	85366990
Country of origin	China

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	57.15 mm

General

Range of articles	QC 0,5/...-STF
Insulating material group	I

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Technical data

General

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	200 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal cross section	0.5 mm ²
Maximum load current	6 A (with 0.5 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Number of positions	16

Connection data

Conductor cross section flexible min.	0.34 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section AWG min.	22
Conductor cross section AWG max.	20
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	20
Wire diameter incl. insulation	2.2 mm

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals


Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC60335 CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals


Approvals submitted

Approval details


UL Recognized 		
	B	C
mm ² /AWG/kcmil	24-20	24-20
Nominal current I _N	6 A	6 A
Nominal voltage U _N	300 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung 

mm ² /AWG/kcmil	0.34-0.5
Nominal current I _N	5 A
Nominal voltage U _N	320 V

cUL Recognized 

	B	C
mm ² /AWG/kcmil	24-20	24-20
Nominal current I _N	6 A	6 A
Nominal voltage U _N	300 V	300 V


IECEE CB Scheme 

mm ² /AWG/kcmil	0.34-0.5
Nominal current I _N	5 A
Nominal voltage U _N	320 V

CCA

mm ² /AWG/kcmil	0.34-0.5
Nominal current I _N	5 A
Nominal voltage U _N	320 V

EAC

cULus Recognized 

Drawings

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Dimensional drawing

